

AMENDMENTS TO THE CLAIMS

1. - 19. (Cancelled)

20. (Currently Amended) A shrinkage control material comprising:

a resilient metal wire; and

a heat treated adhesive layer on the metal wire, the adhesive layer having adhesion to elastomeric material, wherein the metal wire is selected from the group consisting of a brass wire and a brass-plated steel wire, the adhesive layer comprises a halogenated polymer-based adhesive selected from the group consisting of THIXON GPO and Metalock F-10 and has a thickness ranging chlorinated rubber and a chlorosulfonated polyethylene rubber, and the adhesive layer is from 5 μm to 25 μm thick.

21. (Previously Presented) The shrinkage control material as claimed in claim 20, wherein the thickness of the adhesive layer is from 12 to 22 μm .

22. (Previously Presented) A elastomeric molding comprising:

a shrinkage control material having:

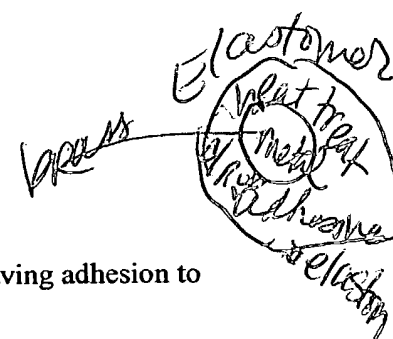
a resilient metal wire; and

a heat treated adhesive layer on the metal wire, the adhesive layer having adhesion to elastomeric material; and

a elastomeric extrusion around an outer periphery of the shrinkage control material, the elastomeric extrusion being bonded by vulcanization to the shrinkage control material, wherein the metal wire is selected from the group consisting of a brass wire and a brass-plated steel wire, the adhesive layer comprises a chlorinated rubber and a chlorosulfonated polyethylene rubber, the adhesive layer is from 5 μm to 25 μm thick, and wherein the elastomeric extrusion comprises an ethylene-propylene-diene ternary copolymer.

colony wire

44880000



adhesive

elastomer
EPDM

23. (Previously Presented) The shrinkage control material as claimed in claim 22,
wherein the thickness of the adhesive layer is from 12 to 22 μm .